

SEVERE LOCAL STORMS, JANUARY 1943

[Compiled by Mary O. Souder]

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Cheyenne, Kimball, Banner, and Scottsbluff Counties, Nebr.	15	5 a.m.-6 p.m.	160	-----	\$5,000	High wind and dust.	Scattered damage to farm buildings and windmills; some injury to winter wheat and to soil by erosion and drifting.
Broadus, Mont., vicinity of.	19	-----	-----	-----	-----	Blizzard	Loss of 1,000 sheep.
Camp Carson, Colo.	20-21	7 p.m.	-----	-----	1,000,000	Straight-line wind.	Fire started by wind caused considerable damage to buildings and wires; 10 persons seriously injured.
Arvada, Wheatridge, and Broomfield, Colo.	20-21	-----	-----	-----	5,000	do	Property damaged; loss in 2,500 acres of winter wheat; 1 person injured.
Loveland, Colo.	20-21	-----	-----	-----	10,000	do	Loss to crops, \$1,500; damage to fences, buildings, and trees, \$500.
Morrison, Colo.	20-21	-----	-----	-----	2,500	do	Roof of a schoolhouse blown off and landed on a nearby house. Damage to other property said to be high, but not estimated.
Colorado Springs, Colo.	20-22	-----	-----	-----	81,100	do	Damage principally to property; 11 persons injured.
California, southern portion.	20-31	-----	-----	-----	-----	Rain and flood.	Heaviest rain fell from the 20th to 23d. Hundreds of acres of farm land inundated and approximately 110 families were evacuated because of the flood waters. Heavy rains in the mountains and foothill districts of the eastern tributaries of the San Joaquin River caused flooding of river bottoms and some loss of livestock.
Boulder, Colo.	21	A.m.	-----	-----	2,000	do	Damage to trees and property.
California, entire State.	21-22	-----	-----	-----	250,000	High winds.	Damage most severe along the southern coast where fruit was scarred or blown from trees, orchard and shade trees uprooted, roofs damaged, windows broken, electrical service disrupted, and small craft driven ashore. In San Diego Valley damage was estimated at \$250,000. Orchard and shade trees were also uprooted in Sacramento Valley.
Virginia, entire State except extreme southeastern counties.	27-28	1 a.m., of 27th to midnight of 28th.	-----	-----	1,000,000	Glaze and sleet.	The heaviest ice appeared to be in the area around Richmond where it reached a thickness of 1 inch. There was \$500,000 damage to telephone, telegraph, and electric lines with damage to shade trees and timber estimated to be not less than \$500,000. In the fruit-growing districts there was more sleet and less glaze and comparatively small damage. During the same period 9 to 12 inches of snow fell in extreme northwestern counties.
Washington, D. C.	27-28	-----	-----	3	40,000	Ice and sleet.	The heavy fall of sleet was quite unusual in this vicinity. The cover included a small amount of snowfall on a thin ground layer of ice that formed on the 27th. Under the impact of heavy motor traffic the sleet became almost as dense as ice. Ruts were gouged in the ice and motor traffic was greatly hindered. Numerous accidents reported; at least 7 persons were injured, \$40,000 estimate only of clearing streets.
Lynchburg, Va., and vicinity.	27-30	-----	-----	-----	20,000	Glaze.	In the early morning of the 27th rain changed to a drizzle and began freezing as it struck. Sleet began falling in the afternoon and the drizzle ended, but ice had accumulated on trees, wires, grass, and other objects to a thickness of three-fourths of an inch. This ice remained until the daylight hours of the 30th when rising temperatures caused the ice to melt. The sleet storm continued from shortly after noon of the 27th to near noon of the 28th and the accumulated depth of sleet on the ground at the end was 3.0 inches. Damage from this storm was comparatively light and spread over many forms of activity; wire communication and travel were the most affected. Temperature did not go below 28° during the period the ice was at its worst and this prevented serious damage from freezing as well as kept the streets and highways in condition for removal of the accumulated ice.

¹ Miles instead of yards.

LATE REPORTS DECEMBER 1942

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Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Airport, Greenville, S. C.	1	4:37 p. m.	-----	-----	\$70,000	Thunderstorm.	10 planes, staked to the ground damaged to the extent of \$65,000; property damage, \$5,000.
Calhoun Falls to Abbeville, S. C., vicinity of.	1	6:30 p. m.	200	-----	30,000	do.	20 buildings damaged; livestock killed; trees, poles, and wires down.
Newberry, S. C., 1 mile north.	1	7:06 p. m.	250	0	25,000	Tornado.	Buildings, poles, and wires wrecked; power line towers badly twisted; path 880 yards long.
Hartsville to Darlington, S. C.	1	8 p. m.	100	-----	75,000	Thunderstorm.	Many buildings and roofs damaged; trees blown down; path 15 miles long.
Clyburn, S. C.	1	P. m.	-----	2	5,000	Tornado.	Property damaged.
Winnsboro, S. C.	1	P. m.	-----	-----	10,000	Thunderstorm.	Buildings and other property damaged.
Columbia, S. C., and vicinity.	1	-----	-----	-----	500	do.	Damage to windows and signs.
New York State, western and northern portions.	2-3	-----	-----	3	-----	Heavy snowfall and high winds.	Snow accompanied by high winds caused blizzardlike conditions in the area south of Buffalo with drifts about 6 feet deep. Bus and train service delayed, travelers marooned and most rural schools closed. Wind, reaching a maximum velocity of 61 miles per hour at Buffalo, caused the washing out of a pier at Niagara Falls resulting in an estimated damage of \$5,500. In northern New York, with from 3 to 4 feet of snow on the ground, the wind blocked most traffic. 2,000 persons were stranded in Lewis County and 500 in Massena, Saint Lawrence County. 2 men died from exposure and 1 from overexertion; Communication and power lines disrupted. Several buildings demolished by these storms.
Port Acres and the Groves, Tex.	5	10:40-11:30 a. m.	150	0	25,000	2 Tornadoes.	Numerous accidents caused by slippery roads.
Harrisburg, Pa., vicinity of.	16	-----	-----	-----	2,700	Ice.	2 homes and a number of outbuildings demolished; 4 persons injured.
Maringouin, La., vicinity of.	22	9:45 a. m.	100	2	7,500	Tornado.	A well-defined funnel cloud observed.
Welty, Okla.	26	11 a. m.	100	0	1,000	do.	10 small houses and buildings demolished and about 25 others damaged; 5 persons injured.
Dlo-Merritt section, Miss.	26	11:20 a. m.	200	0	100,000	do.	3 houses completely destroyed and a number of other houses and structures damaged. No estimate of damage available.
Cookville, Tex.	26	4:45 p. m.	-----	0	-----	do.	Many buildings damaged.
Nacogdoches, Tex., and vicinity.	26	8 p. m.	1,320	0	4,000	do.	Property damaged; path 10 miles long.
Nacogdoches-Appleby district, Tex.	26	8:17 p. m.	100	5	100,000	do.	There was some formation of glaze exceeding 6 inches in diameter on power and communication cables. The damage will run into millions of dollars. In Saint Lawrence and Franklin Counties it was estimated that 9,600 homes were without electricity. Sugar maples, orchards, ornamental trees and shrubs were badly broken and buildings were damaged by falling trees. At Gloversville a man was killed by a falling ice-weighted tree limb.
New York State, from Sullivan and Orange Counties, northward to the Canadian Border.	29-30	-----	-----	1	-----	Glaze.	